

[0036] (Embodiment 2) Fig. 2 is a conceptual diagram showing a wireless LAN system for performing information communication between a server terminal and a client terminal. The present embodiment will now be described below by taking time division multiplex access (TDMA) as an example. It should be noted that if frequency division multiplex access is applied instead, the same effects could be achieved.

[0037] In Fig. 2, there are provided a server terminal 1 for transmitting information; a client terminal 2 for receiving the information; a server-side base station 3 connected to the server terminal 1 via a wireless link 5; and a client-side base station 4 connected to the client terminal 2 via a wireless link 6.

[0038] Similarly to the embodiment 1, a high-speed line is applied, as a downstream line 9 from the client-side base station 4 to the client terminal 2, so as to transmit a large amount of data, such as multimedia information, while a low-speed line is applied as an upstream line 10 because the upstream line 10 is used to transmit information request signals and/or retransmitted signals and hence its transmission amount is small. On the other hand, a high-speed line is applied, as an upstream line 7 from the server terminal 1 to the server-side base station 3, so as to transmit a large amount of data, such as multimedia information, while a low-speed line is applied as a downstream line 8 because the downstream line 8 is used to transmit information request signals and/or retransmitted signals and hence its transmission amount is small.

DRAWINGS:

FIG. 2:

- 1 SERVER TERMINAL
- 7 HIGH-SPEED UPSTREAM

8 LOW-SPEED DOWNSTREAM
11 FILES OF STORED INFORMATION
12 LINE INFORMATION
3 SERVER-SIDE BASE STATION
100 WIRED NETWORK
4 CLIENT-SIDE BASE STATION
9 HIGH-SPEED DOWNSTREAM
10 LOW-SPEED UPSTREAM
2 CLIENT TERMINAL